

LECTURES DELIVERED AT THE CONFERENCE ON TECHNICAL FLOW PROBLEMS IN JET ENGINES

LANGUAGE-GE COUNTRY-GH

VEREIN DEUTSCHER INGENIEURE VON FACHGRUPPE E  
ENERGIE-TECHNIK BRAUNSCHWEIG

FSTC-HT-23-0392-74

28-Aug-73  
Uncl (ORNL-tr-2695) Heat transfer and pressure drop  
in horizontal tubes in flow of evaporating refrigerant.  
CHAWLA, J.M. Translated from VDI (Ver. Dtsch. Ing.)  
Forsch. No. 523, 5-36 (1967), 87p, 20cm, 100g, 100g.

13 engineering: 20M heat transfer: translated  
MN-35 P NSA

Agency: U.S. Army Cold Regions Res. & Eng. Lab.  
F.O.No.: 7b-T-14 HMM 0226/1190  
26 Dec. 7  
Title: Mollier-Diagrams for the Determination  
von Enthalpien, Entropien für Misch-  
spaltung  
Authors: Knoche, K.F. & Schuberth, J.  
Source: VDI-Zeitschrift, Heft 5, 1975, S. 15-18 (not yet published)  
Language: German  
Spec.instr.: Please translate & type single space; no

Chawla, J. Indar Mohan

Heat Transfer and Pressure Drop in Horizontal Tubes in  
Flow of Evaporating Refrigerants 66 pp

VDI-Forschungsheft 523, 5-36, Düsseldorf (1967)

AEC/ORNL-TR-2695-73

Surface Technology  
VDI-NACHRICHTEN, No. 12, 25 March 1970  
pp. 1-8  
FSTC-HT-23-1120-70

The Quiet Automobiles of the Future

5 pp

VDI-NACHRICHTEN, No 13, March 1972

*Verein Deutscher Ingenieure*  
FSTC-HT-23-2242-72

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UNKNOWN

//VDI/VDE RICHTLINIEN 3507, SHEETS 1 &amp; 2//

--/03/1964, V----, N----,

Steam Generator Control. Automatic Control of Air  
Flow and Classifier Temperature in Coal Mills.

pp Unknown, C. E. Trans. 644103

Schmidt, P.  
VDI-SCHRIFT, No 18, 1 June 1960, pp 188-190  
PDB-18-18-190-78

may 78

Bauer, H. G.

Making maximum quality alloy steels in  
the LD crucible.

VEREIN DEUTSCHER INGENIEURE, ZEITSCHRIFT  
(VDI-Z, ZEITSCHRIFT FÜR DIE GEFÄHRE  
TECHNIK), v. 108, p. 1488-1497, 1967  
HTC as 73-10893-111

may 73

**Nenzel, Werner**

**The Integrated Nuclear Power Plant and Its  
Significance for the Ferrous Metallurgy  
Industry**

**9 pp**

**VDIZ (VEREIN DEUTSCHER INGENIEURE) Vol. 121: 1968**

**pp 1475-1483**

**AEC/OSML/tr-2676**

M. Vater, et al

Rolling Mill Practice

VDEZ, Vol 113, Oct 1971, pp 1188-1193.

DBI 11083

Sept 73

Engines for Earth Restricted Missiles, by W. Mach, 7 pp

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VDI - ZEIT., No 18, Dec 1971, pp 1433-1435.

ARM/FSTC/HT-23-2217-72

Apr 73

Agency: Army/Redstone #15  
MIPR No. 971-60100-00-7016

9220/0499  
21 June 73

Title: Cybarnetics, Portrait of a Science; Part 7:  
Cybarnetics Everywhere.

Author: T. Lutz.

Source: VDI-Zeitschrift 114, No. 8, 554-558 (1972).

Language: German

Special Instructions: Please translate.  
Edited draft only.

Agency: Army/Redstone

WIPA No. 971-60100-00-7016 #17

9220/0500  
21 June 73

Title: Cybernetics, Portrait of a Science, Part 8:  
Homo Cybernetics.

Author: T. Lutz

Source: VDI-Zeitschrift 115, No. 4, 261-266 (1973).

Language: German

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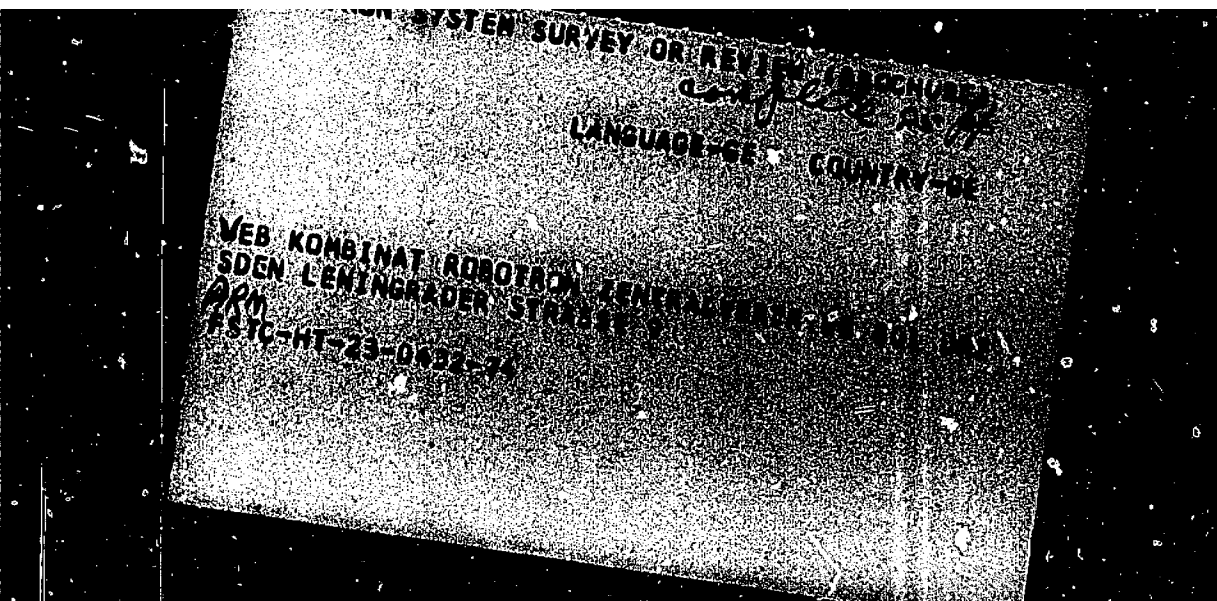
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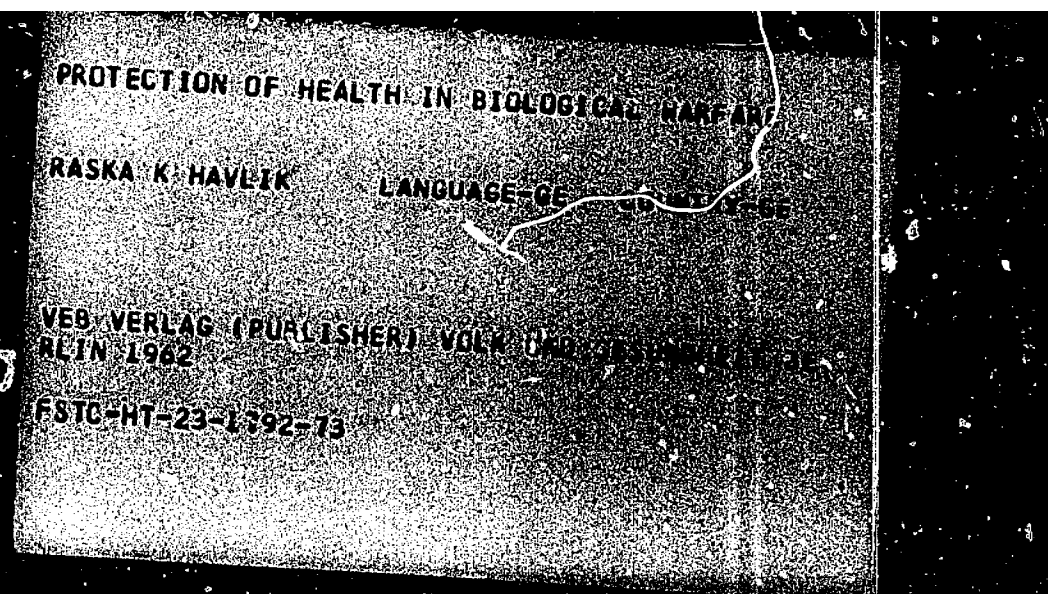
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VEB KOMBINAT ROBOTRON BROMBERG

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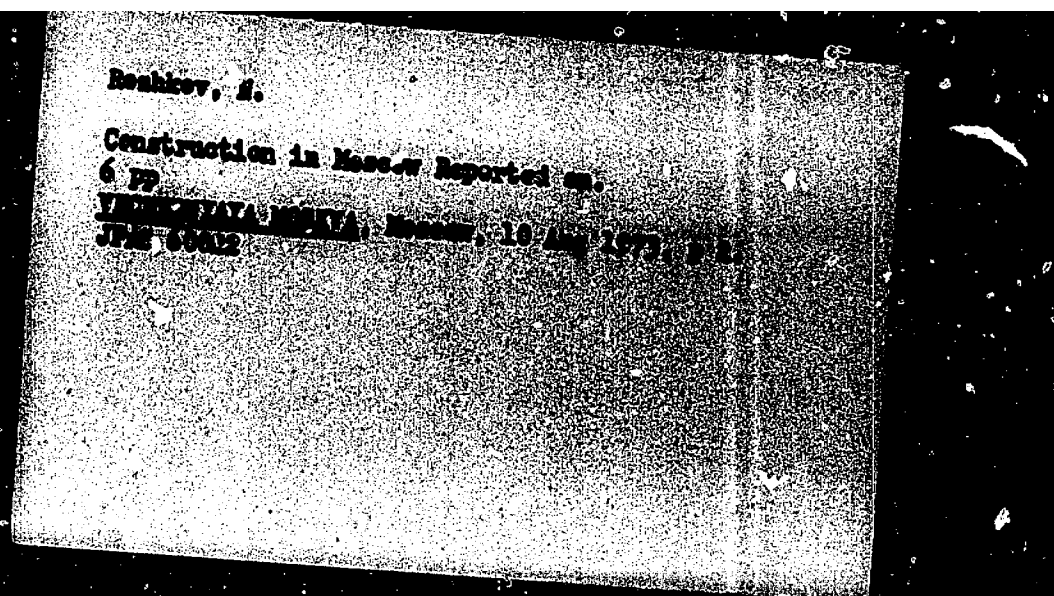


Various Consumer Views, Products Discussed, 16 pp.  
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Vommesenskiy's Latest Form Severely Criticized,  
by Aleksandr Zharev, 5 pp.  
RUSSIAN, np, *Yashenskaya*, Moscow, 5 Apr  
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JPRS 58843

May 73



Vetchinin, N.

Frustrations of Furniture Shoppers Described:  
7 pp

YERENIYATA MOSKVA, Moscow, 10 Aug 1973, p. 4,  
JPRS 60353

REQ TR CHECK

10-07-73

189

TELEPHONE AREA CODE

UNKNOWN

UR: VECHERNYAYA MOSKVA, NO: 189, AUG 14, 1973

p.4

*Process in a**H574-23-0482**Need doc*

REQ TR CHECK

14-09-73

T530

THE FIRST SOVIET ROCKET

RYABCHIKOV, YE

UR: VECHERNYAYA MOSKVA, NO. 190, AUG 15, 19

1973, p. 3, col. 1 and 2

*Process in an**HS74-23-0530*

REQ TR CHECK

14-09-75

T531

THE FIRST SOVIET ROCKET  
RYABCHIKOV, YE

UR: VECHERNYAYA MOSKVA, NO. 191, 16 AUG  
1973, p.3 col 1-2

*Process in as*

*H574-23-0531*

REQ TR CHECK 14-09-73 0532  
THE FIRST SOVIET ROCKET  
RYABCHIKOV, YE  
UR: VECHERNYAYA MOSKVA, NO. 192, 17 AUG 1973  
P.3, COL 1-2

*Proven in art*  
HS74-23-0532

KARPUKHIN, N.  
//VECHERNYAYA MOSKVA//  
21/10/1974, V-----, N-----, pp 0002  
Consumers Complain About Poor Quality of  
Furniture 6 pp  
JPRS 63679

Promulgation of Decree on Role of Militia.  
7 pp

VEDOMOSTI VERKHNYVOGO SOVETA SSSR. Moscow, No  
24, 13 June 1975, pp 359-364.  
JPRS 59725

Presidium of USSR Supreme Soviet Promulgates  
Decree No 497.

5 pp

VEDOMOSTI VERKHOVNOGO SOWETA SSSR, Moscow.

No 37, 12 Sept 1973, pp 587-590.

JPRS 60474

Increased Pensions for Invalids and Families  
Without a Breadwinner.

17 pp

VEDOMOSTI VERKHEVNOGO SOVETA SSSR, Moscow, No. 48

28 Nov 1973, pp 775-786.

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RSFSR Amends Copyright Laws.

7 pp

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7 Mar 1978. pp 163-168.

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Presidium of USSR Supreme Soviet Promulgates  
Decree No 275.

5 PP

VEDOMOSTI VERKHNEGO SOVETA SSSR, Moscow, No 18,  
1 May 1978, pp 33-34.

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Presidium of USSR Supreme Soviet Promulgates  
Decree No 325.

14 pp

VEDOMOSTI VERKHOVNOGO SOWETA SSSR, Moscow, No 22,

29 May 74, pp 396-408.

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~~Stronger Legis~~  
Stronger Legislation Against Narcotics  
Violations, 7 pp.  
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No 29, 18 Jul 74, pp 502-506.  
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Dec 74

Presidium of the USSR Supreme Soviet Promulgates  
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3 pp  
~~VEDOMOSTI VERKHOVNOGO SOVETA SSSR, Moscow, No 40,~~  
~~2, 1974, pp 795-795.~~  
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Decree No 663.

2 pp

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2 Oct 74, pp 795-796

JPRS 63475

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Biographical Data on President's Successor  
Show Him to be Quiet, Efficient.

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VENA, Sao Paulo, No 25C-A, June 1973, pp 1-3.

JPRS/L 4619

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Colonization of Amazon Proving Difficult.

8 PP

VEJA, Sao Paulo, 5 Sept 1973, pp 46, 51, 52, 54,

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JPRS/L 4687

PORTUGUESE

CSJ: 8042/1342

21 Jan. 1974

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Special  
18 pp*
1. Cry of Accusation; 2. The Right to Return;
  3. An Empty Press; 4. Inside the Institute;
  5. Letter to the Reader.

Rio de Janeiro, Veja, 9 Jan. 1974., pages 21, 30, 31,  
34, 37-38, 40, 42.

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single framed camera: 35mm ready copy plus one.

NORWEGIAN

CSO: 8039/1712

Political Debate Program on Norwegian State Radio  
Concerning Leftist Influence in Programming

Oslo; Aftenposten, 2 & 4 Mar 74; Morgenbladet,  
2 Mar 74; Vestens Gang, 2 Mar 74

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Harazin, Dorrit

Pinochet Comments on Present Situation.  
6 pp

VEJA, Sao Paulo, 20 Feb 1974, pp 50, 52.  
JPBS/L 4852

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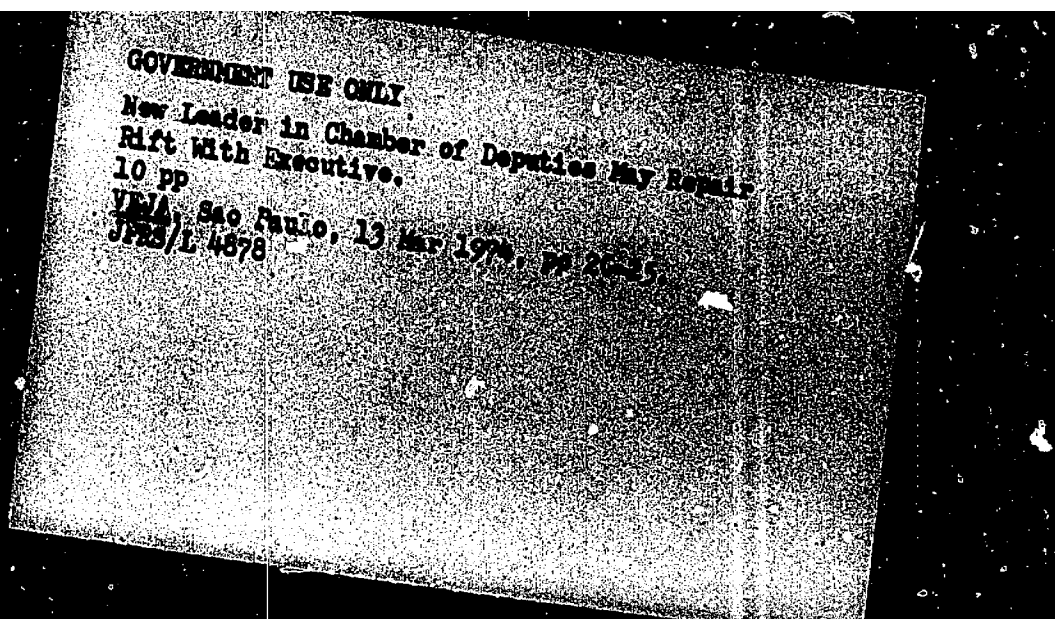
Harazin, Derrit

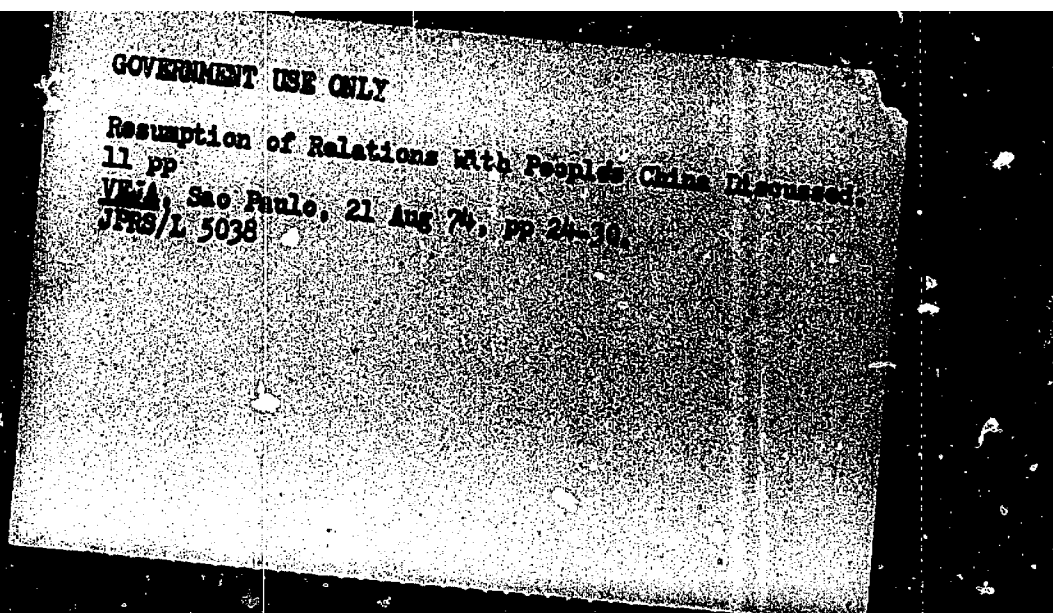
Christian Democratic Leader Discusses Present  
Situation.

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VENA. Sao Paulo, 20 Feb 1974. PP 32, 54.

JPRS/L 4852





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5 PP

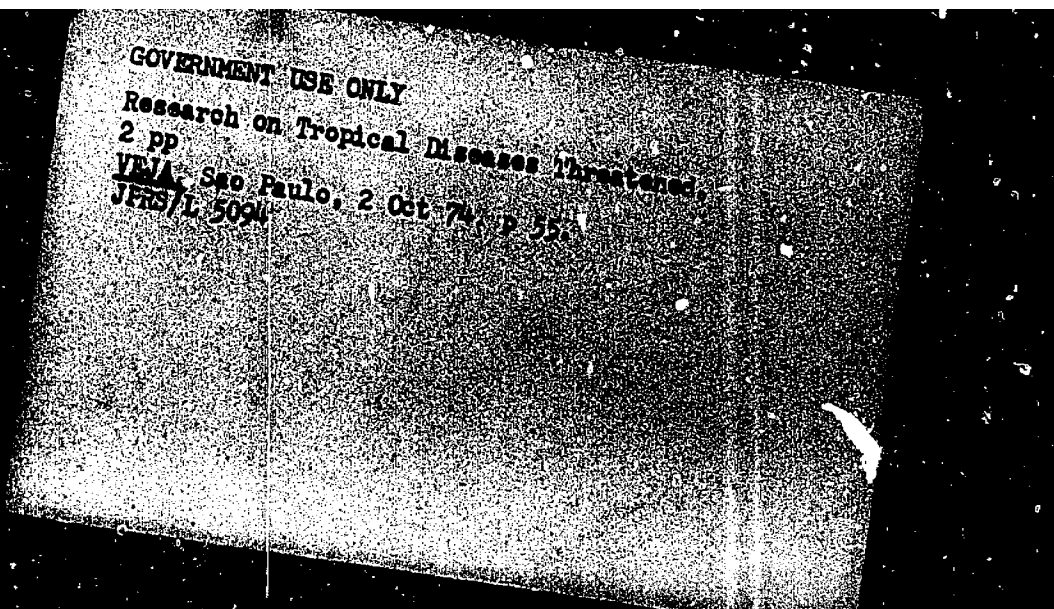
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JPRS/L 5038

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Advantages of State Oil Monopoly Analyzed.  
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Causes, Effects of Portugal's Leftward Drift  
Discussed, 10 pp.  
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Ramos, Manuel M.

How Venezuelan State Benefits From Oil Activity.  
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LA VERDAD, Caracas, 30 Dec 1972, PP A-7.  
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Ambitious Goals Set for Metallurgical Sector.  
5 pp

LA VERDAD, Caracas, 24 Feb 1974, p. 2-3.  
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Far Combat, Political Training Program, by  
Manual, error, 7 pp.  
SPANISH, np, Yankee-Glare, Havana, 4 Feb 1973,  
pp 4-9.  
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Aug 73

Report on U.S. Missile Bases in Canal Zone, by  
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SPANISH, np, Linda Silva, Havana, 16 Mar 1973.  
pp 16-18.  
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May 73

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6 pp.  
SPANISH, per, Verde Olive, Havana, 25 Mar 1973,  
pp 29-30.  
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Camilo Cienfuegos Military School in Havana  
Described, 5 pp.  
SPANISH; no. Verde Olivo, Havana, 25 Mar 1973;  
pp. 32-37.  
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Training of Polish Defense Unit Document, 5 pp.  
SPANISH, AP, Yankin White, Havana, 21 Apr 1973.  
PP 16-18.  
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Political and Party Work Among Young Officers  
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VERDE 311VQ, Havana, 24 June 1973, PP 35-37.  
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Far Reviewed on 20th Anniversary of Moncada

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YARDE OLIVO, Havana, 29 July 1973, pp 3, 49

50, 51-59.

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Casanas, Jose

Progress in Oriente Since Moncada Survived,  
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VERDE CLAYO, Havana, 29 July 1973, pp 74-77.  
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Laws on Youth Labor Army, Social Service, SMO.  
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VENEZUELA, Havana, 19 Aug 1973. pp 6-16.  
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Castallanos, Ramon Fidalgo

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Report on Progress in Las Villas Province.  
16 pp

YANKE GUYO, Havana, 21 Oct 1973, pp 27-38.  
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Dihur, Bake

English-Speaking Caribbean Nations Unite.

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Guerra, Jesus Casal

Selected Units Train for Anniversary Parade.

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Moreno, Jesus Suarez

Cuban Satellite Communications Station Daily  
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New Law Establishes Ranks of Officers in Armed Forces.

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VERDE, LINO. Havana, 9 Dec 1973. pp 4-5.

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Armed Forces Termel Ironclad Guarantee of Creative  
Labor of Cuban People.

5 PP

VERDE OLIV. Havana, 9 Dec 1973, pp 10, 11.

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